

# Converting Colors

Hex(638370)

Have a look what the booklet for  
Hex(638370) contains.

<b>Hex(638370)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(638370)

# Conversions

## Conversions Part 1

Format	Color
Hex	638370
RGB	99, 131, 112
RGB Percent	39%, 51%, 44%
CMY	0.6118, 0.4863, 0.5608
CMYK	0.24, 0.00, 0.15, 0.49
HSL	144°, 14%, 45%
HSV	144°, 24%, 51%
XYZ	16.1865, 20.0551, 18.3471
YIQ	119.2660, -12.9730, -12.6930

# Conversions

## Conversions Part 2

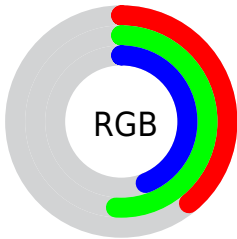
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 122, 131
Decimal	6521712
CIE <sub>Lab</sub>	51.90, -15.52, 6.60
CIE <sub>LCh</sub>	52, 16.869, 156.965
Yxy	20.0551, 0.2965, 0.3674
Android (android.graphics.Color)	4284711792 (0xFF638370)
YUV	119.2660, -3.5821, -17.7733
Hunter-Lab	44.7829, -13.8524, 7.0575

# Details

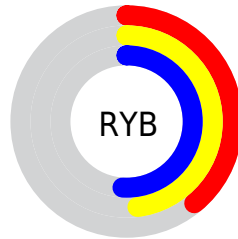
The Hex color **638370** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **836376**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **96B8A4**, and **335140** is the 20% darker color. If you saturate the color by 10%, you get **568368**, and if you desaturate by 10%, it is **708378**.

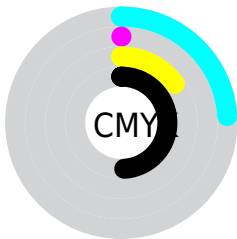
# Distribution



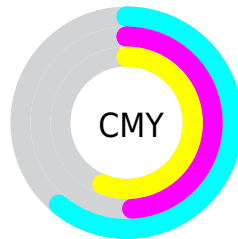
- Red (39%)
- Green (51%)
- Blue (44%)



- Red (39%)
- Yellow (48%)
- Blue (51%)



- Cyan (24%)
- Magenta (0%)
- Yellow (15%)
- Black (49%)



- Cyan (61%)
- Magenta (49%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 638370 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 638370 by changing the saturation by 10% instead.



 638370

 638370

FFFFFF

 4B6A58

 96B8A4

 335140

 B1D4BF

 1D3A2A

 CDF0DB

 072416

 E9FFF7

 000D00

 000000

 638370

 638370

 568368

 708378

 498360

 7D8380

 3C8359

 8A8387

 2F8351

 97838F

 228349

 A48397

 148341

 B2839F

 07833A

 BF83A6

 008335

 CC83AE

 D983B6

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



738064



638370



57847F

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



638370



6F7C98



98736B

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



638370



836376

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



997179



638370



827793

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



638370



5D8096



917387



917762

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



638370



538488



917387



99726F



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



638370



9FABA4



768363



505753



D6D6D6



575757



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



638370



79AB8D



638380



3C423E



008235



000301



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



836376



AB7997



836366



423C40



82004D



030002



# Previews

## White Background



This preview shows how the Hex color 638370 looks on a white background.

## Color Contrast Check

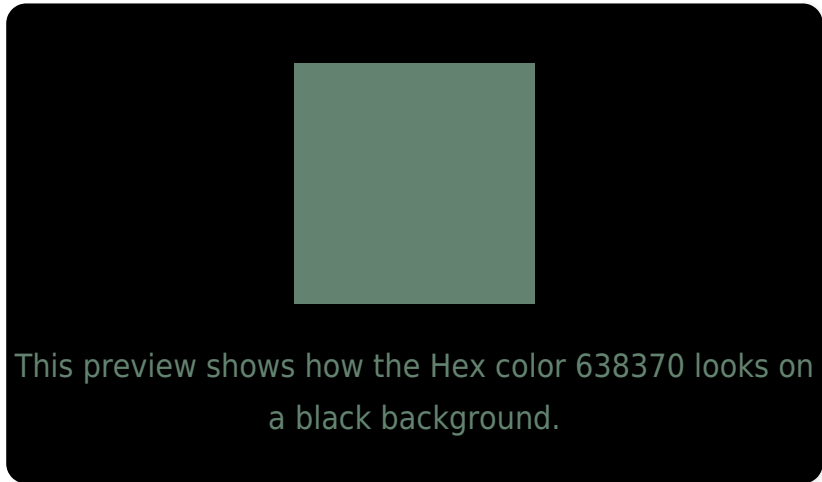
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

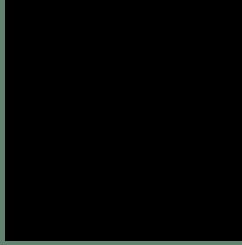
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 638370 Background



This preview shows how black text looks on a background with the Hex color 638370.

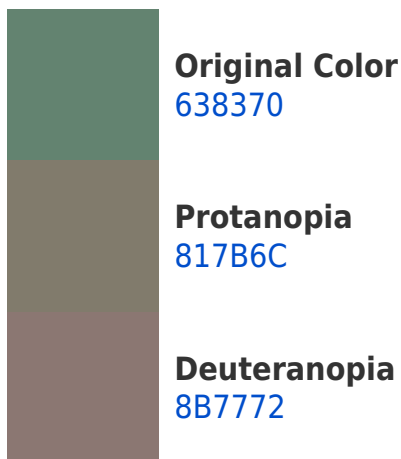


This preview shows how white text looks on a background with the Hex color 638370.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
687F8A

# Trichromacy



**Original Color**  
638370

**Protanomaly**  
767E6D

**Deuteranomaly**  
7C7B71

**Tritanomaly**  
668081

# Monochromacy



**Original Color**  
638370

**Achromatopsia**  
777777

**Achromatomaly**  
707B74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 638370 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #638370 looks like.

```
.text, #text, p{  
    color:#638370  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #638370 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638370
}
```

## Border

The CSS property to change the border of an element to Hex 638370 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#638370 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#638370 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #638370 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638370; -webkit-box-shadow:4px 4px  
4px 4px #638370; box-shadow:4px 4px 4px  
4px #638370 }
```

# Background

The CSS property to change the background color of an element to Hex 638370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638370 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#638370 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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